

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/036707

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07C211/59 C07C211/61 C07D285/14 C08G73/02 H01L51/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07C C07D C08G H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004/037887 A (COVION ORGANIC SEMICONDUCTORS) 6 May 2004 (2004-05-06) page 25; claims -----	1-14
P, X	EP 1 437 395 A (LG ELECTRONICS) 14 July 2004 (2004-07-14) claim 10, compounds S4 and S5 -----	1
P, X	US 2004/209118 A1 (JEONG DAE SEO ET AL.) 21 October 2004 (2004-10-21) claim 10, compounds G-5, G-6 -----	1
P, X	EP 1 394 617 A (CANON) 3 March 2004 (2004-03-03) page 7 - page 14; claims ----- -/-	5, 12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

14 February 2005

Date of mailing of the international search report

22/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2003 316044 A (CANON INC), 6 November 2003 (2003-11-06) the whole document -----	5-14
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05, 3 May 2002 (2002-05-03) -& JP 2002 003833 A (TOYO INK MFG CO LTD), 9 January 2002 (2002-01-09) abstract -----	1
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25, 12 April 2001 (2001-04-12) -& JP 2001 226331 A (MITSUI CHEMICALS INC), 21 August 2001 (2001-08-21) the whole document -----	1
X	US 4 983 482 A (ONG ET AL) 8 January 1991 (1991-01-08) column 9, line 4 - column 14, line 22; claims; example I -----	1
X	EP 0 953 624 A (CANON KABUSHIKI KAISHA) 3 November 1999 (1999-11-03) table, compounds 29, 65, 73, 88; examples; claims -----	1
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) -& JP 08 053397 A (TOYO INK MFG CO LTD), 27 February 1996 (1996-02-27) the whole document -----	1
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05, 31 May 1996 (1996-05-31) -& JP 08 020771 A (TOYO INK MFG CO LTD), 23 January 1996 (1996-01-23) the whole document -----	1-3
X	EP 1 146 034 A (TOYO INK MANUFACTURING CO., LTD) 17 October 2001 (2001-10-17) Table 1, compound 8; examples; claims -----	1
X	US 2003/157364 A1 (SENOO AKIHIRO ET AL) 21 August 2003 (2003-08-21) page 7, compounds 14 and 16; page 15, compound 52 -----	1
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INTERNATIONAL SEARCH REPORTInternational Application No
PCT/US2004/036707**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/000773 A (CAMBRIDGE DISPLAY TECHNOLOGY LIMITED; TOWNS, CARL; O'DELL, RICHARD) 3 January 2003 (2003-01-03) claims; examples -----	1-14
A	WO 99/54385 A (THE DOW CHEMICAL COMPANY) 28 October 1999 (1999-10-28) claims; examples -----	1,5,12

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